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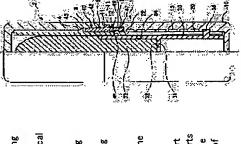
YUZUHARA YUKITOMO HIGASHIDA HIROYUKI

(54) CONTAINER FOR ROD-LIKE COSMETICS

(57)Abstract:

outer cylindrical member, assemble the inner cylindriacal PROBLEM TO BE SOLVED: To surely prevent dropping dispense with filling of grease or silicone for generating ooth the function of preventing the dropping or slipping otational sliding resistance, and provide one part with off thereof and the function of generating rotatational or slipping off of an inner cylindrical member from an member into the outer cylindrical member from the above for simplification of the assembling process, sliding resistance effectively.

SOLUTION: A fitted ring 21 is arranged annularly on the to is arranged. In the part 40, plural elastic flexible parts upper part of an outer cylinder 10, an intermediate part hereof, a fitted recess 46 to be fitted to the ring 21 of 15 are formed, and on the inner circumferential surface between the ring 21 of the inner cylinder 20 and an surface of the part 45, a projection 47 is formed to outer circumference of an inner chylinder 20, and the inner cylinder 20 is formed. On the fore inner



slastically abut on the outer surface of the circumferential wall of the inner cylinder 20.

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JP,09-098833,A [CLAIMS]

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CLAIMS

Claim(s)

projection which made it project outward on this container liner object through the vertical slit of projection which made it project outward on this container liner object through the vertical slit of projection which made it project outward on this container liner object through the vertical slit of which overcomes the above-mentioned stop projection and the fitting crevice which pinches this object, overcomes the above-mentioned stop projection, and **** to the peripheral face of this naking it project outward in the above-mentioned vertical slit upper part location of the abovelexible section which is formed in the shape of [which surrounds this container liner object] a making it project outward in the above-mentioned vertical slit upper part location of the abovelexible section which is formed in the shape of [which surrounds this container liner object].a cylindrical cosmetics, and rotating this outer case object In the cylindrical cosmetics container ning between the above-mentioned container liner object and the above-mentioned outer case mplement while the fitting crevice which pinches this stop projection from the upper and lower cylindrical cosmetics, and rotating this outer case object In the cylindrical cosmetics container cylindrical cosmetics, and rotating this outer case object In the cylindrical cosmetics container ring between the above-mentioned container liner object and the above-mentioned outer case above-mentioned vertical slit guide, and it was made to make the slide migration of the aboveabove-mentioned vertical slit guide, and it was made to make the slide migration of the abovesbove-mentioned vertical slit guide, and it was made to make the slide migration of the aboveiner object and the above-mentioned outer case object, and having the elastic flexible section cylindrical cosmetics container characterized by equipping with an implement while the elastic container liner object The cylindrical cosmetics container characterized by equipping with an mentioned container liner object and forming a stop projection in it The cylindrical cosmetics which surrounds this container liner object] a ring between the above-mentioned container stop projection from the upper and lower sides was formed inside this elastic flexible section. nentioned cosmetics **** carry out in the vertical direction to this outer case object While mentioned cosmetics *** carry out in the vertical direction to this outer case object While mentioned container liner object and forming a stop projection in it While having the elastic mentioned cosmetics *** carry out in the vertical direction to this outer case object The container characterized by equipping with an implement while were formed in the shape of noves the above-mentioned projection along the above-mentioned spiral slot, making the noves the above-mentioned projection along the above-mentioned spiral slot, making the moves the above-mentioned projection along the above-mentioned spiral slot, making the he container liner object put on this cosmetics **** from cosmetics **** equipped with he container liner object put on this cosmetics **** from cosmetics **** equipped with the container liner object put on this cosmetics **** from cosmetics **** equipped with Claim 2] By making it engage with the spiral slot of the outer case object which put the Claim 3] By making it engage with the spiral slot of the outer case object which put the Claim 1] By making it engage with the spiral slot of the outer case object which put the object, and **** to the peripheral face of this container liner object was formed. sides was formed inside this elastic flexible section.

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DETAILED DESCRIPTION

Detailed Description of the Invention

[000]

Field of the Invention] This invention equips the outside of the container liner object which has a vertical slit on the outside of cosmetics **** which has a projection in a peripheral face, and cosmetics ****, and a container liner object with the outer case object which has a spiral slot, penetrates a vertical slit and relates to the cylindrical cosmetics container which consists of a body of a tubed container filled up with cylindrical cosmetics as a projection comes to insert in spiral Mizouchi, and a tubed cap fitted in this.

[Description of the Prior Art] Conventionally, in this kind of cylindrical cosmetics container, if an outer case object is rotated to a container liner object in order to let out cosmetics, since a container liner object will fall out from the outer case inside of the body A flange is projected and formed in the lower limit section periphery of a container liner object for omission prevention of such a container liner object. After forming an engagement crevice in the bottom circles periphery of an outer case object, inserting a container liner object from the lower part of an outer case object on the other hand and making a flange engage with an engagement crevice, he is trying to stop the pars basilaris ossis occipitalis of an outer case object with a bottom cap. [0003] Moreover, in case an outer case object is rotated to a container liner object, since a rotation sliding friction is produced, it is filled up with grease or silicon between an outer case object and a container liner object, and enables it to acquire smooth actuation feeling by this.

[Problem(s) to be Solved by the Invention] However, since it was the structure which stops the pars basilaris ossis occipitalis of an outer case object with a bottom cap after inserting a container liner object from the lower part of an outer case object and making a flange engage with an engagement crevice, if it is in this conventional cylindrical cosmetics container, the bottom cap needed to be manufactured separately, and needed to be attached and the technical problem that a process was complicated and cost also required it occurred.

[0005] Moreover, although it was filled up with grease or silicon between the outer case object and the container liner object in order to produce the rotation sliding friction at the time of rotating a container liner object and an outer case object therefore, the technical problem that a production process was complicated also occurred.

[0006] This invention is what was made in view of this conventional technical problem. The purpose While being able to perform certainly omission prevention of the container liner object from the outer case inside of the body, a container liner object can be attached to the outer case inside of the body from the upper part. A process can be simplified, since a rotation sliding friction is produced further, it can also omit being filled up with grease or silicon, and it aims at moreover offering the cylindrical cosmetics container which can summarize efficiently two functions, these omission prevention and a rotation sliding friction, on one components, and can constitute them.

[000]

Means for Solving the Problem] In order to attain this purpose, this invention minds the vertical

JP,09-098833,A [DETAILED DESCRIPTION]

slit of the container liner object which put the projection which made it project outward on this cosmetics **** from cosmetics **** equipped with cylindrical cosmetics. By making it engage with the spiral slot of the outer case object put on this container liner object, and rotating this outer case object In the cylindrical cosmetics container moves the above—mentioned projection along the above—mentioned spiral slot, making the above—mentioned vertical slit guide, and it was made to make the slide migration of the above—mentioned cosmetics **** carry out in the vertical direction to this outer case object While making it project outward in the above—mentioned vertical slit upper part location of the above—mentioned container liner object and forming a stop projection in it it is characterized by equipping with an implement, while were formed in the shape of [which surrounds this container liner object and the above—mentioned outer case object, and having the elastic flexible section which overcomes the above—mentioned stop projection and the fitting crevice which pinches this stop projection from the upper and lower sides was formed inside this elastic flexible section.

[0008] Moreover, by making it engage with the spiral slot of the outer case object which put the projection which made it project outward on this container liner object through the vertical slit of the container liner object put on this cosmetics **** from cosmetics **** equipped with cylindrical cosmetics, and rotating this outer case object In the cylindrical cosmetics container moves the above-mentioned projection along the above-mentioned spiral slot, making the above-mentioned vertical slit guide, and it was made to make the slide migration of the above-mentioned cosmetics **** carry out in the vertical direction to this outer case object It is characterized by equipping with an implement, while the elastic flexible section which is formed in the shape of [which surrounds this container liner object] a ring between the above-mentioned container liner object and the above-mentioned outer case object, and ***** to the peripheral face of this container liner object was formed.

[0009] Furthermore, by making it engage with the spiral slot of the outer case object which put the projection which made it project outward on this container liner object through the vertical slit of the container liner object put on this cosmetics ***** from cosmetics ***** equipped with cylindrical cosmetics, and rotating this outer case object In the cylindrical cosmetics, container moves the above—mentioned spiral slot, making the above—mentioned vertical slit guide, and it was made to make the slide migration of the above—mentioned cosmetics ***** carry out in the vertical direction to this outer case object While making it project outward in the above—mentioned vertical slit upper part location of the above—mentioned container liner object and forming a stop projection in it While having the elastic flexible section which is formed in the shape of [which surrounds this container liner object] a object, overcomes the above—mentioned container liner object and the above—mentioned outer case object, overcomes the above—mentioned stop projection, and ***** to the peripheral face of this container liner object It is characterized by equipping with an implement, while the fitting crevice which pinches this stop projection from the upper and lower sides was formed inside this elastic flexible section.

[0010] According to the cylindrical cosmetics container of invention of claim 1 which has the above-mentioned configuration, to the stop projection of a container liner object By fitting in the fitting crevice formed inside the elastic flexible section of an inside implement, attaching the container liner object with which the implement in after that was attached from the upper part of an outer case object, and equipping with an inside [this] implement between outer case objects it becomes unnecessary bottom capping [which can prevent the omission of a container liner object, therefore stops the pars basilaris ossis occipitalis of an outer case object], and a manufacture process is also simplified.

[0011] Moreover, delivery actuation of smooth cosmetics can be guaranteed, without according to the cylindrical cosmetics container of invention of claim 2, being able to produce a rotation sliding friction and being filled up with grease or silicon between an outer case object and a container liner object, in case an outer case object is rotated, in order to let out cosmetics, when the elastic flexible section of an inside implement **** to the peripheral face of a container liner object.

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JP.09-098833,A [DETAILED DESCRIPTION]

(0012) Furthermore, according to the cylindrical cosmetics container of invention of claim 3, the implement, it can constitute from a highly efficient gestalt, and the good cylindrical cosmetics two above-mentioned functions can be summarized on one components called an inside container of manufacturability can be offered.

with reference to an accompanying drawing. Drawing 1 thru/or drawing 4 show the 1st example Embodiment of the Invention] Hereafter, the example of this invention is explained to a detail of the cylindrical cosmetics container of this invention.

liner object 20. Moreover, it is equipped with the inside implement 40 between the container liner which the body 1 of a tubed container forms the outline as shown in drawing 1 , a container liner fitted in the body 1 of a tubed container, and this. It consists of the outer case object 10 with object 20, and cosmetics **** 30, the container liner object 20 is arranged on the outside of [0014] The cylindrical cosmetics container of this example is constituted by the tubed cap 2 cosmetics **** 30, and the outer case object 10 is arranged on the outside of the container objects 20 near the upper limit section of the outer case object 10.

annular notch 11 is formed in upper limit section inner circumference, and the annular crevice 14 is formed in the lower part inner circumference through the annular step 12. Furthermore, the [0015] The outer case object 10 is a barrel of the owner bottom of a cylindrical shape, the spiral slot 13 is engraved on the lower part inner circumference.

object 10 in the abbreviation pars intermedia of the peripheral face. Moreover, the vertical slit 22 [0016] The container liner object 20 is a barrel which has an outer diameter a little smaller than which was made to correspond to the shaft-orientations die length of the spiral slot 13 of the outer case object 10, and was formed under the fitting ring 21 is formed, and opening of this protrudes annularly along the hoop direction near the upper limit section of the outer case the bore of the outer case object 10, and a streak of fitting ring 21 as a stop projection vertical slit 22 is carried out caudad.

[0017] Cosmetics **** 30 is the barrel which has an outer diameter a little smaller than the bore projected and formed above the annular projected part 41 along the hoop direction. Furthermore, (0018] Therefore, if the outer case object 10 is relatively rotated to the container liner object 20 object 20, and along the hoop direction, a streak of annular projected part 41 projects in the pars fitting crevice 48 which can fit into the fitting ring 21 of the container liner object 20 is formed in advanced device of cosmetics **** 30 by penetrating the vertical slit 22 formed in the container cosmetics **** 30, the engagement projections 35 and 35 project to the method of outside, and of the container liner object 20, it is divided up and down with a bridgewall 31, that upper part is formed as a cosmetics pan 32, and the cosmetics 33, such as a lip stick, foundation, and rouge, through the slit 44 in the hoop direction at the lower part of the annular projected part 41. The are formed in the location which counters at it. This engagement projection 35 constitutes the intermedia of the peripheral face, and it is formed in it. Moreover, a streak of annular rib 42 is the inclined plane 43 is formed in the upper limit section periphery of the inside implement 40. from the condition shown in drawing 2, as shown in drawing 3, the engagement projection 35 goes up to the upper limit location of the vertical slit 22 along the spiral slot 13, and, thereby, section inner skin of the cosmetics pan 32. Furthermore, in the peripheral face lower part of Furthermore, suspension formation of two or more elastic flexible sections 45 is carried out are dedicated to this cosmetics pan 32. Moreover, the engagement crevice 34 for omission prevention of cosmetics 33 is continued and formed in the hoop direction at the upper part [0019] The inside implement 40 has the shape of a ring which surrounds the container liner the inside of this elastic flexible section 45, and the projected part 47 of the inner sense is the cosmetics 33 of the cosmetics pan 32 come to project from the outer case object 10. liner object 20, and being engaged in the spiral slot 13 of the outer case object 10. projected and formed in the point.

plane 4. And the annular rib 42 of the inside implement 40 and a streak of circular sulcus 5 which [0020] The outer diameter is equal to the outer diameter of the outer case object 10, the tubed cap 2 is formed, and the lower part section 3 is formed a little in closing in through the inclined can be fitted in are formed in the inner skin of the lower part section 3 along a hoop direction,

and, thereby, the tubed cap 2 fits into it detachably through an implement 40 at the body 1 of a

[0021] If cosmetics **** 30 is arranged and it equips with the inside implement 40 from the tubed container during the above.

unnecessary conventional bottom capping [which stops the pars basilaris ossis occipitalis of the 10, and coming out of it by this. Under the present circumstances, it becomes possible to attach will overcome the fitting ring 21 of the container liner object 20 by bending to the method of the configurations, as shown in drawing 4, the elastic flexible section 45 of the inside implement 40 outside of some, and the fitting crevice 46 will fit into the fitting ring 21. And if an implement 40 liner object 20 can prevent the container liner object 20 falling out out of the outer case object annular notch 11 formed in the outer case object 10. Then, if the outer case object 10 and the inside implement 40 are welded in one, it is fixed where the upper and lower sides of the fitting outer case object 10, the annular projected part 41 of the inside implement 40 will stop to the is inserted while attaching in the container liner object 20 and this from the upper part of the ring 21 are put in the elastic flexible section 45 of the inside implement 40, and the container the container liner object 20 from the upper part in the outer case object 10, it becomes upper part of the container liner object 20 in the container liner object 20 of the above

[0022] Moreover, since the projected part 47 formed in the method of the inside of a point of the container liner object 20, it can produce the rotation sliding friction at the time of rotating the elastic flexible section 45 is ****(ed) to the lower peripheral face of the fitting ring 21 of the outer case object 10 and letting out cosmetics, and can secure delivery actuation of smooth outer case object 10], and a manufacture process is also simplified by this.

10 can fall out, a stop and two functions of grant of the sliding friction at the time of outer case [0023] Furthermore, the container liner object 20 from the above-mentioned outer case object object 10 rotation can be summarized on one components called the inside implement 40, and can be constituted, and the good cylindrical cosmetics container of manufacturability can be

[0024] Drawing 5 shows other examples, and omits and describes the explanation which gives the same sign to the same component as said example, and overlaps it.

33, such as a cast lip stick, foundation, and rouge, in the cosmetics pan 32 of cosmetics **** 30 [0025] Although it is the cylindrical cosmetics container of the type which inserts the cosmetics arranged in the container liner object 20. At the time of restoration of cosmetics The temporary cosmetics 33a fused from lower part opening of the outer case object 10 after that, and the container liner object 20 is arranged in the outer case object 10, and cosmetics **** 30 is in the example shown in drawing 1 thru/or drawing 4 In the example of this drawing 5, the cap 25 is put on the upper limit section of the container liner object 20, it applies to the cylindrical cosmetics container of the type directly filled up with cosmetics by slushing operation and effectiveness are the same as the 1st example of the above.

fitting crevice inside [elastic flexible section] an inside implement has put the stop projection of projection from the upper and lower sides was formed inside the elastic flexible section After the as explained While making it project outward in the vertical slit upper part location of a container [Effect of the Invention] As mentioned above, if it is in the cosmetics container of this invention outer case inside of the body by this. Under the present circumstances, it becomes possible to liner object and forming a stop projection in it While having the elastic flexible section which is a container liner object from the upper and lower sides, it is equipped with an inside implement between outer case objects, and it can prevent that a container liner object falls out from the becomes unnecessary bottom capping [which stops the pars basilaris ossis occipitalis of an characterized by equipping with an implement while the fitting crevice which pinches a stop [0027] Moreover, since it is characterized by equipping with an implement while the elastic attach a container liner object to the outer case inside of the body from the upper part, it formed between a container liner object and an outer case object in the shape of [which surrounds a container liner object] a ring, and overcomes a stop projection Since it is outer case object], and a manufacture process can also be simplified again.

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flexible section which is formed between a container liner object and an outer case object in the shape of [which surrounds a container liner object] a ring, and **** to the peripheral face of a container liner object was formed Delivery actuation of smooth cosmetics can be guaranteed without being able to obtain the rotation sliding friction at the time of the elastic flexible section of an inside implement ****(ing) to the peripheral face of a container liner object, rotating an outer case object by this, and letting out cosmetics, and being filled up with grease or silicon between an outer case object and a container liner object.

[0028] Furthermore, while making it project outward in the vertical slit upper part location of a container liner object and forming a stop projection in it While having the elastic flexible section which is formed between a container liner object and an outer case object in the shape of [which surrounds a container liner object] a ring, overcomes a stop projection, and **** to the peripheral face of a container liner object Since it is characterized by equipping with an implement while the fitting crevice which pinches a stop projection from the upper and lower sides was formed inside the elastic flexible section The container liner object from the abovementioned outer case object can fall out, two functions of grant of a stop and the rotation sliding friction at the time of outer case object rotation can be summarized on one components called an inside implement, it can constitute from a highly efficient gestalt, and the outstanding effectiveness that the good cylindrical cosmetics container of manufacturability can be offered is

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DESCRIPTION OF DRAWINGS

Brief Description of the Drawings]

Drawing 1] It is the decomposition perspective view of the body of a tubed container of the

cylindrical cosmetics container concerning the 1st example of this invention.

[Drawing 2] the condition of having equipped with the cap is shown in the cylindrical cosmetics container concerning the 1st example of this invention — it is a cross-section side elevation a

cylindrical cosmetics container concerning the 1st example of this invention is shown -- it is a Drawing 3] the condition of having removed the cap and having let out cosmetics from the

Drawing 4] It is the important section expanded sectional view of drawing 2. cross-section side elevation a part.

Drawing 5] a part of time of cosmetics restoration of the cylindrical cosmetics container in which other examples of this invention are shown -- it is a cross-section side elevation.

Description of Notations]

Tubed Cap 10 Outer Case Object

13 Spiral Slot 20 Container Liner Object

21 Fitting Ring 22 Vertical Slit

30 Cosmetics **** 35 Engagement Projection

33 Cylindrical Cosmetics 40 Inside Implement

45 Elastic Flexible Section 46 Fitting Crevice

[Translation done.]

(19) 日本日本日(1 b)

(4) ধ 盐 华 噩 (S)

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(年 6 月) **発査部次 末部次 耐水項の数3 OL**

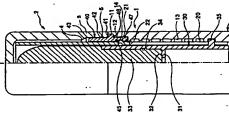
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(22) HICH	平成7年(1995)10月6日		東京都中央区盘座7丁月5番5号
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存状化粧料容器 (54) [発別の名称]

(21) (現約)

を生じさせるためにグリースやシリコンを充填すること も省略でき、しかもこれら抜け防止と回転指動抵抗の二 きるとともに、外筒体内に内筒体を上方から組み付ける ことができて、工程を簡単化でき、さらに回転指動抵抗 **しの協能を、効率よく一つの節品にまとめて構成するこ** 【目的】 外簡体内からの内筒体の抜け防止が確実にで とができる様状化粧料容器を提供する。

【構成】 内筒体20外周に嵌合リング21を環状に突 20の嵌合リング21に嵌合可能な嵌合凹部46を形成 21との間に中具40を配設する。中具40に複数の弾 **位回抵的45を形成するとともに、その内周面に内閣体** する。中具40に形成された弾性可視的45の先端的内 面に染的47を形成し、内筒体20の周盟外面に弾接さ 駁する。外箇体10の上艦部と内閣体20の駁合リング



4.向きに突出させた突起を、敗化粧料回筒に被替した内 **6体の縦スリットを介して、駁内筒体に被着した外筒体** 上記縦スリットに案内させつつ上記螺旋線に沿って上記 突起を移動させて、該外筒体に対し上記化粧料皿筒を上 下方向にスライド移動させるようにした棒状化粧料容器 (請求項1] 棒状化粧料が装着される化粧料回筒から の螺旋溝に係合させ、該外筒体を回動することにより、

上記内閣体の上記縦スリット上方位間に外向きに突出さ せて係止突起を形成するとともに、

槐部を有するとともに、核弾性可撓部の内側に核係止突 上記内筒体と上記外筒体との間に、該内筒体を囲殺する 1ング状に形成され、上配係止突起を乗り越える弾性可 起を上下方向から挟持する被合凹部が形成された中具を **装着したことを特徴とする棒状化粧料容器。**

上配縦スリットに案内させつつ上記螺旋衛に沿って上記 [請求項2] 棒状化粧料が装着される化粧料皿筒から 4向きに突出させた突起を、 数化粧料回筒に被増した内 **商体の縦スリットを介して、鮫内筒体に被着した外筒体** 突起を移動させて、該外筒体に対し上記化粧料皿筒を上 **ド方向にスライド移動させるようにした枠状化粧料容器** の媒旋衛に保合させ、該外箇体を回動することにより、

上記内筒体と上記外筒体との間に、核内筒体を囲続する リング状に形成され、かつ数内筒体の外周面に弾接する **弾性可撓部が形成された中具を装着したことを特徴とす** 5.棒状化粧料容器。

において、

外向きに突出させた突起を、数化粧料皿筒に被割した内 下方向にスライド移動させるようにした棒状化粧料容器 **枠状化粧料が装着される化粧料回筒から** 商体の縦スリットを介して、胶内筒体に被着した外筒体 上記縦スリットに案内させつつ上記螺旋溝に沿って上記 突起を移動させて、駁外筒体に対し上配化粧料皿筒を上 の螺旋衛に係合させ、該外筒体を回動することにより、 [配次項3]

8

- 配内筒体の上配縦スリット上方位間に外向きに突出さ せて係止突起を形成するとともに、

おおいて、

リング状に形成され、上配保止突起を乗り組えて核内簡 体の外周面に弾接する弾性可撓部を有するとともに、眩 弾性可撓部の内側に鼓係止突起を上下方向から挟持する 上配内筒体と上配外筒体との間に、鮫内筒体を囲繞する **教合凹部が形成された中具を装着したことを特徴とする 棒状化粧料容器**

(発明の詳細な説明) [000]

着えて、縦スリットを貫通して突起が螺旋荷内に嵌入す 5内筒体および内筒体の外側に螺旋備を有する外筒体を ・発明の属する技術分野】本発明は、外周面に突起を有 - る化粧料画筒、化粧料画筒の外側に模スリットを有す

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と、これに嵌装される筒状キャップとで構成される枠状 るようにしてなる梅状化粧料を充填した簡状容器本体 7.粧料谷器に関する。

[0002]

て、化粧料を繰り出すために内筒体に対して外筒体を回 **外国にフランジ部を役出して形成し、一方、外間体の爪** このような内面体の抜け防止のために、内閣体の下極部 **仰入し、フランジ部を保合凹部に保合させた後、外間体** 的内閣に保合凹部を形成し、外衛体の下方から内閣体を **かさせると、外面体内から内面体が抜けてしまうので、** 【従来の技術】従来、この間の存状化粧料容器におい の低的を低キャップで閉止するようにしている。

際に、回転指動抵抗を生じさせるために外箇体と内箇体 [0003] また、内面体に対して外面体を回動させる の間にグリースやシリコンを充填し、これにより円滑な **条作感覚を得られるようにしている。**

[0004]

り、工程が繁雑で、コストもかかるといった課題があっ [発明が解決しようとする課題] しかしながら、かかる 送来の棒状化粧料容器にあっては、外間体の下方から内 簡体を挿入し、フランジ部を保合凹部に保合させた後、 外筒体の底部を座キャップで閉止する構造であるため、 在キャップを別個に製作し、かつ取り付ける必要があ

【0005】また、内箇体と外筒体を回動させる豚の回 **伝指動抵抗を生じさせるためには、外間体と内間体の間** にグリースやシリコンを充填しているが、そのために製 冶工程が煩雑であるという課題もあった。

智動抵抗の二つの複能を、効率よく一つの部品にまとめ [0006] 本発明はかかる従来の課題に鑑みてなされ たもので、その目的は、外筒体内からの内筒体の抜け防 充填することも省略でき、しかもこれら抜け防止と回転 て構成することができる棒状化粧料容器を提供すること 5組み付けることができて、工程を配単化でき、さらに 回転摺動抵抗を生じさせるためにグリースやシリコンを 止が確実にできるとともに、外筒体内に内筒体を上方が を目的とする。

[0001]

体と上記外筒体との間に、胶内筒体を囲視するリング状 に形成され、上記保止突起を乗り組える弾性可挽部を有 【映題を解決するための手段】かかる目的を達成するた **簡体の縦スリットを介して、数内筒体に被着した外筒体** 上記捉スリットに案内させつつ上記螺旋簿に沿って上記 において、上記内筒体の上記縦スリット上方位置に外向 きに突出させて保止突起を形成するとともに、上記内筒 めに本発明は、棒状化粧料が粧着される化粧料皿筒から 外向をに突出させた姿起を、数化粧料回筒に被着した内 下方向にスライド移動させるようにした様状化粧料容器 突起を移動させて、鮫外筒体に対し上記化粧料皿筒を上 の螺旋溝に係合させ、鮫外筒体を回動することにより 8 8 存間平9-98833

するとともに、眩弾性可視部の内側に眩係止突起を上下 方向から抉持する嵌合凹部が形成された中具を装却した

を上下方向にスライド移動させるようにした棒状化粧料 容器において、上記内箇体と上記外箇体との間に、核内 上配突起を移動させて、較外筒体に対し上配化粧料皿筒 **向体を囲視するリング状に形成され、かし数内間体の外** 周面に弾接する弾性可撓部が形成された中具を装むした 【0008】また、様状化粧料が装垫される化粧料皿筒 から外向をに役出させた役組を、骸化粧料目簡に被替し た内閣体の挺スリットを介して、胶内箇体に被着した外 **简体の螺旋溝に係合させ、胶外関体を回動することによ** り、上記扱スリットに然内させつつ上記録放為に沿って ことを特徴とする。

て上記突起を移動させて、該外筒体に対し上記化粧料皿 に外向きに突出させて係止突起を形成するとともに、上 性可提的の内側に核保止突起を上下方向から挟持する嵌 粧料容器によれば、内筒体の係止突起に、中具の弾性可 規的の内側に形成した嵌合凹部を嵌合し、その後中具が 抜けを防止でき、したがって外間体の底部を閉止する底 よれば、中具の弾性可視部が内筒体の外周面に弾接する ことにより、化粧料を繰り出すため外筒体を回動させる 角体の間にグリースやシリコンを充填することなく、円 【0012】さらに、粉水項3の発明の神状化粧料容器 【0009】さらに、棒状化粧料が装着される化粧料画 **筒から外向きに突出させた突起を、 版化粧料回筒に被**類 した内間体の拟スリットを介して、胶内間体に被増した 外面体の螺旋機に係合させ、核外筒体を回動することに より、上記模スリットに案内させつつ上記螺旋衛に沿っ 節を上下方向にスライド移動させるようにした棒状化粧 料容器において、上配内筒体の上配縦スリット上方位置 ング状に形成され、上記保止突起を乗り組えて該内箇体 の外周面に弾接する弾性可撓部を有するとともに、骸弾 【0010】上記構成を有する加水項1の発明の模状化 取り付けられた内筒体を外筒体の上方から組み付け、こ の中具を外筒体との間に被動することにより、内筒体の 際に回転摺動抵抗を生じさせることができ、外筒体と内 によれば、上記の二つの機能を中具という一つの部品に 尼内筒はと上記外筒はとの間に、核内筒体を囲貌するリ 【0011】また、鯖坎頂2の発明の棒状化粧料容器に **合凹部が形成された中具を被替したことを特徴とする。** キャップが不毀となり、かつ製作工程も簡略化される。 滑な化粧料の綴り出し操作を保証することができる。

【発明の契約の形態】以下、本発明の契約例を添付図面 を参照して詳細に説明する。図1ないし図4は本発明の [0013]

まとめて高級能な形貌で構成することができ、製造性の

良い埠状化粧料容器を提供することができる。

棒状化粧料容器の第1 英施朗を示す。

[0014] 本英施例の棒状化粧料容器は、筒状容器本

体!およびこれに厳装される簡状キャップ2により構成 の外群を形成する外額体10、内額体20、化粧料国額 30とからなり、化粧料目筒30の外層に内筒体20が いる。また、外角体10の上端部近傍と内筒体20との されている。陶状容器本体1は、図1に示すように、そ 配置され、内筒体20の外側に外筒体10が配置されて 間には中具40が被撤される。

されている。さらにその下方内周には螺旋溝13が刻設 [0015] 外箇体10は、円箇形の有底の箇体で、上 周には現状の段郎12を介して、現状の凹部14が形成 端部内周には環状の切欠部11が形成され、その下方内

る。また、嵌合リング21の下方には、外筒体10の螺 小さな外径を有する简体で、その外周面の略中間郎で外 節体10の上槛部近傍には、その周方向に沿って保止欲 協御13の軸方向長さに対応させて形成した擬スリット 2.2が形成され、この概スリット2.2は下方に関口して 【0016】内面体20は、外面体10の内径よりやや 起としての一条の嵌合リング21が環状に突吸してい されている。

の化粧料面32に口紅、ファンデーション、敷紅などの 化粧料33が納められている。また、化粧料回32の上 方部内周面には、化粧料33の脱落防止のための係合凹 部34が周方向に連続して形成されている。さらに、化 **仕切られ、その上部が代粧料回32として形成され、こ 起35,35が外方へ突出形成されている。この保合突** 起35は、内筒体20に形成された縦スリット22を貫 【0017】 化粧料目筒30は、内筒体20の内倍より やや小さな外径を有する簡体で、仕切り盟31で上下に 粧料回筒30の外周面下方には、対向する位置に係合突 通して外筒体10の螺旋構13内に保合することによ り、化粧料回筒30の綴り上げ樹橋を構成している。

【0018】従って、図2に示す状態から外筒体10を で保合突起3.5が上昇し、これにより化粧料回3.2の化 内筒体20に対して相対的に回動させると、図3に示す ように螺旋(衛13に沿って縦スリット22の上限位置ま 肚料33が外筒体10から突出するようになる。

[0019] 中具40は内筒体20を囲税するリング状 で、その外国国の中国部には、国方向に沿って一条の環 郎45の内面には、内箇体20の嵌合リング21に嵌合 **阿能な嵌合凹部46が形成され、先端部には内向きの突** の上方には、その困方向に沿って一条の떨状リブ42が 役出形成されている。 さらに、中具40の上端的外圏に の下方には、その周方向にスリット44を介して、複数 の弾性可撓的45が垂下形成されている。 この弾性可撓 状染的41が突出形成されている。また、環状染師41 は極斜面43が形成されている。さらに、環状突卸41 84.7が独出形成されている。

[0020] 簡状キャップ2は、その外径が外箇体10 の外径と等しく形成され、下方郎3は、横斜面4を介し

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「やや肉海に形成されている。そして、その下方部3の 内層面には、周方向に沿って中具40の環状リブ42と **数合可能な一条の環状溝5が形成され、これにより筒状** キャップ2は、上配中具40を介して簡状容器本体1に **炎脱自在に嵌合するようになっている。**

が不要となり、またこれによって製作工程も簡略化され 【0021】以上のような構成の内質体20内に化粧料 回筒30を配置し、内筒体20の上方から中具40を装 樹すると、図4に示されるように、中具40の弾性可撓 ング21を乗り越えて、嵌合凹部46が嵌合リング21 に嵌合する。そして、外筒体10の上方から内筒体20 とこれに嵌着した中具40とを挿入すると、中具40の 環状突部41は外筒体10に形成された環状切欠部11 陪却すると、内筒体20は、その嵌合リング21の上下 が中具40の弾性可撓的45で挟み込まれた状胞で固定 され、これにより外筒体1.0内から内筒体20が抜け出 るのを防止することができる。この際、外面体10内に 内的体20を上方から組み付けることが可能になり、し たがって外節体10の底部を閉止する従来の底キャップ 節45は若干外方へ挽むことにより内筒体20の嵌合リ に保止する。その後、外筒体10と中具40を一体的に

【0022】また、弾性可撓部45の先端部内方に形成 された突郎47は、内筒体20の嵌合リング21の下部 外周面に弾接するので、外筒体10を回動させて化粧料 【0023】さらに、上配した外箇体10からの内箇体 20の抜け止め、および外筒体10回動時の摺動抵抗の 付与という二つの撥能を中具40という一つの部品にま とめて構成することができ、製造性の良好な棒状化粧料 **円滑な化粧料の繰り出し操作を確保することができる。** を繰り出す際の回転指動抵抗を生じさせることができ 容器を提供することができる。

【0024】図5は他の実施例を示し、前配実施例と同 一構成的分に同一符号を付して重複する説明を省略して ばへる。

を、化粧料目筒300化粧料目32に差し込むタイプの 体10内に内面体20を配置し、内面体20内に化粧料 回筒30を配置し、化粧料の充填時には、内筒体20の 上端部に仮キャップ25を被せ、その役外間体10の下 り化粧料を直接充填するタイプの棒状化粧料容器に適用 したものであり、その作用、効果は、上配第1実施例と 【0025】図1ないし図4に示す実施例では、成型さ **棒状化粧料容器であるが、この図5の実施例では、外筒 方関ロ部から容融した化粧料33aを流し込むことによ** れた口紅、ファンデーション、頬紅などの化粧料33 同様である。

突出させて係止突起を形成するとともに、内箇体と外筒 器にあっては、内筒体の挺スリット上方位置に外向きに [発明の効果] 以上、説明したように本発明の化粧料容

[0026]

可規能の内側に保上效益を上下方向から抉择する数合凹 体との間に、内筒体を囲焼するリング状に形成され、係 比突起を乗り越える弾性可視部を有するとともに、弾性 体の底部を閉止する底キャップが不安となり、かつまた 九、これにより外筒体内から内筒体が抜けてしまうこと 上方から組み付けることが可能になり、したがって外筒 力簡体の係止效起を中具の弾性可視部内側の嵌合凹部が 上下から挟み込んだ状態で外筒体との間に中央が被着さ を防止することができる。この際、外箇体内に内閣体を Rが形成された中具を装着したことを特徴とするので 製作工程も簡略化することができる。

接する弾性可撓部が形成された中具を装着したことを特 際の回転指動抵抗を得ることができ、従来のように外筒 【0027】また、内筒体と外筒体との間に、内筒体を 田郎するリング状に形成され、かし内閣体の外国国に呼 散とするので、中具の弾性可規部が内筋体の外周面に弾 **按し、これにより外箇体を回動させて化粧料を繰り出す** なと内筋体の間にグリースやシリコンを充填することな く、円滑な化粧料の繰り出し動作を保証することができ

住可規部を有するとともに、弾性可視部の内側に係止突 めて高樹能な形態で構成することができ、製造性の良好 向きに従出させて保止役却を形成するとともに、内閣体 と外筒体との間に、内筒体を囲縄するリング状に形成さ 技想したことを特徴とするので、上配した外筒体からの 均簡体の抜け止め、および外衛体回動時の回転摺動抵抗 【0028】さらに、内閣体の擬スリット上方位置に外 1、保止突起を乗り越えて内衛体の外周面に弾接する弾 包を上下方向から抉持する嵌合凹部が形成された中具を の付与という二つの協能を中央という一つの部品にまと な体状化粧料容器を提供することができるという優れた

【図1】本発明の第1 奥施朗に係る棒状化粧料容器の筒

【図面の簡単な説明】

5、キャップを取り外し、化粧料を繰り出した状態を示 [図2] 本発明の第1 東舷倒に係る棒状化粧料容器に、 キャップを被替した状態を示す一部断面側面図である。 [図3] 本発明の第1 英権例に係る特状化粧料容器か 大容器本体の分解料模図である。

[図4] 図2の要的拡大節面図である。 サー部を固見田図である。

[図5] 本発明の他の実施例を示す特状化粧料容器の化 **牡料充填時の一部断面側面図である。** (存号の説明)

女配女	公面 体	擬スリッ	保合沒起	以中
-	20	22	35	40
Ý		K	超	蓝
筒状キャップ	領控海	嵌合リング	化粧料目的	都状化粧料
	33	2 1	30	33
8	_	2	က	က

聚命回路

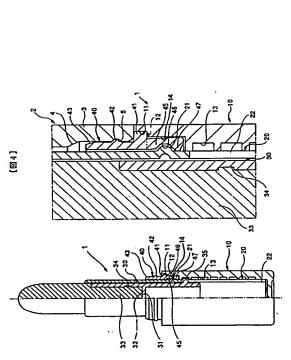
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特閒平9-98833 [882] [图2] <u>(S</u> (E [🖾 3]



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